

National Institutes of Health

NIH X12 850 Implementation Guide for the Notice of Grant Award

Version 1.0

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1. Purpose and Business Overview

1.1 Document Purpose

The purpose of the “NIH Notice of Grant Award Guide for Electronic Data Interchange” is to provide standardized data requirements and content to all users interested in receiving Notice of Grant Award (NGA) data from the National Institutes of Health (NIH) via the X12 850 (Purchase Order) transaction set. The guide provides a detailed explanation of the transaction set by defining uniform data content and identifying valid code tables. This will aid users in the successful interpretation and parsing of NGA data encoded using the X12 850 syntax rules.

Expected users of this implementation guide include NIH grantee organizations and third party vendors that conduct business with NIH on behalf of a grantee organization (i.e., grantee organization agents).

1.2 Version and Release

The “NIH Notice of Grant Award Guide for Electronic Data Interchange” is based on the Accredited Standards Committee (ASC) X12 standards, approved for publication in December of 1997, referred to as Version 4 Release 1 (004010).

1.3 Business Usage and Definition

NIH has developed a pilot Electronic Data Interchange (EDI) system that enables grantee organizations (or their agents) to submit applications electronically to NIH as X12 194 transaction sets [1]. Now, NIH is expanding this pilot to return the Notice of Grant Award to these grantee organizations. In general, award data is encoded using two transaction sets:

- **X12 194:** for the detailed (i.e., itemized) budget.
- **X12 850:** for total authorized spending amounts, project and budget dates, terms and conditions, and all accounting and administrative information relevant to the award.

Although two X12 transaction sets are required to transmit all NGA data, NIH is currently implementing only the 850 transaction set. NIH will implement the 194 transaction set in a subsequent phase of its NGA pilot.

1.3.1 NGA Pilot Phases

NIH is implementing its NGA pilot in three phases. Phase one has been completed, and demonstrated the transmission of “test” Simplified Non-competing Award Process (SNAP) awards to grantee organizations. For phase one, the test awards were encoded as 850 transaction sets (Version 3 Release 5).

Phase two, for which this manual is written, is still limited to SNAP awards. Phase two is characterized by encoding the “live” SNAP awards as 850 transaction sets (Version 4 Release 1). Also, a text version of each award will be emailed to the grantee in addition to the transmission of the 850 transaction set.

A starting date for phase three has not been established. Phase three will encompass both SNAP and competitive awards using live data. Phase three will use the X12 850 transaction set to return NGA data as well as the 194 transaction set to return the detailed budget.

1.4 References

1. “ASC X12 194 Transaction Set. Federal Implementation Conventions.” Version 004010. September 16, 1998.
2. “ASC X12 850 Transaction Set. Federal Implementation Conventions.” Version 004010. April 14, 1998.
3. “Federal Procurement Code List One (FP1).” Federal Procurement Functional Working Group. September 30, 1998. <http://snad.ncsl.nist.gov/dartg/edi/fededi-coding.html>.

1.5 Terms and Abbreviations

194	X12 Grant or Assistance Application
850	X12 Purchase Order
ASC	Accredited Standards Committee
CFDA	Catalog of Federal Domestic Assistance
DC	Direct Cost
DUNS	Data Universal Numbering System
EDI	Electronic Data Interchange
EIN	Entity Identification Number
F&A	Facilities and Administrative
FDP	Federal Demonstration Partnership
FP1	Federal Procurement Code List One
IAEGC	Interagency Electronic Grants Committee
IC	Implementation Convention

NIH	National Institutes of Health
NGA	Notice of Grant Award
NRSA	National Research Service Award
PHS	Public Health Service
PI	Principal Investigator
R&R	Research and Related
SNAP	Streamlined Non-competing Award Process

1.6 Organization of Document

This document, the “NIH Notice of Grant Award Guide for Electronic Data Interchange”, contains three major sections. Section 1 introduces the manual. Section 2 provides a data overview, and section 3 presents the NIH implementation guidelines for the 850 transaction set. This document also contains one appendix, which provides a sample NGA and associated X12 850 transaction set.

1.7 How to Use This Document

This manual is written for the technical user who understands EDI terms and concepts. It cannot be used as a standalone document; it must be used in conjunction with the 850 Federal Implementation Conventions (ICs) [2] and the Federal Procurement Code List One (FP1) [3]. The FP1 defines the Federal coding system used for award terms and conditions.

This document presents, in tabular form, the 850 data segments used in the NIH EDI pilot. Each table contains the complete set of data elements comprising the segment, as well as all data codes and qualifiers supported by NIH. Each table also specifies the usage code for each data element as it applies to the EDI pilot. The definitions for the usage codes are provided below.

Usage	Expansion	Meaning
R	Required	This item must be used to be compliant with this guide.
O	Optional	The presence of this item is at the option of the sender.
C	Conditional	If the first element specified in the condition is present, then all other elements must be present.
N/U	Not Used	This item should not be used when complying with this guide.

2. Data Overview

2.1 Information Flows

The transmission of NGA data from NIH to the grantee community takes place as shown:

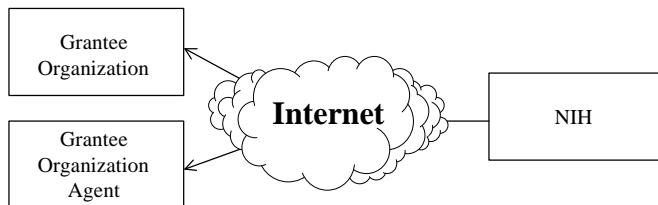


Figure 1. Data Stream Data Flow

2.2 Data Usage by Business Usage

The X12 850 is divided into three tables: Heading, Detail, and Summary.

- Table 1, the Heading level, provides all data relevant to the NIH NGA, except the budget period dates and funding amounts.
- Table 2, the Detail level, provides the budget period dates and the direct, indirect, and total costs for the budget period.
- Table 3, the Summary level, provides the total estimated funding for the entire project (which is the current budget period funding amount for SNAP awards).

2.3 Data/Transaction Set Model with Usage Matrix

The Research & Related (R&R) subcommittee of the Interagency Electronic Grants Committee (IAEGC¹) has produced a set of data elements pertaining to Federal grant awards. The data elements used by NIH are specified in the following matrix. For each data element listed, a brief description of the element, as well as the corresponding 850 segment(s), element(s), and code(s) are provided. 850 codes are shown in parentheses.

¹ The IAEGC was established based on a recommendation in the Access America Report released by the Government Information Technology Services Board under the aegis of the National Performance Review.

Data Element	Description	850 Reference
Award Type	Identifies a grant.	1/BEG02/020 (KG)
Activity Type	Identifies a research grant (includes trainee grants and fellowships)	1/BEG10/020 (RD)
Activity Type	Identifies a construction grant.	1/BEG10/020 (CN)
Award Number	NIH grant number for the awarded application.	1/BEG03/020
Award/Execution Date	Issue date of the award.	1/BEG05/020
CFDA Number	Catalog of Federal Domestic Assistance number.	1/N901/295 (2S) 1/N902/295
Effective Date	Project period start date.	1/DTM01/150 (007) 1/DTM02/150
Final Expiration Date	Project period end date.	1/DTM01/150 (093) 1/DTM02/150
Effective Date of Current Funding Period	Budget period start date.	2/DTM01/210 (193) 2/DTM02/210
Expiration Date of Current Funding Period	Budget period end date.	2/DTM01/210 (194) 2/DTM02/210
Amount Authorized To Expend During Current Funding Period	Federal authorized amount to expend during current funding period (includes direct cost, indirect costs, and fee amounts).	1/AMT01/287 (KC) 1/AMT02/287
Expenditure Number	NIH award document number.	1/AMT01/287 (KC) 1/REF01/289 (FU) 1/REF02/289
Cost Sharing - Contractor share Cost Sharing - Government share	Contractor portion of cost sharing. Government portion of cost sharing.	1/AMT01/287 (FQ) 1/AMT02/287 1/AMT01/287 (FR) 1/AMT02/287
Title	Title of the project.	1/PID01/190 (F) 1/PID05/190
Authority for Award	Award pursuant to the authority of	1/N901/295 (5N) 1/N902/295

Data Element	Description	850 Reference
Special Award Terms and Conditions	Acceptance and award terms and conditions Acceptance terms and conditions (except construction grants) SNAP award terms and conditions Every award terms and conditions Competitive, multi-year award terms and conditions	1/LM01/430 (FG) 1/LM02/430 (FP1) 1/LQ01/440 (ZZ) 1/LQ02/440 (UAAA) 1/LQ02/440 (UAWA) 1/LQ02/440 (UAWB) 1/LQ02/440 (UAWC)
Special Award Terms and Conditions	NIH FDP agency-specific terms and conditions Awarded under FDP Phase III NIH Grants Policy Statement PHS Grants Policy Statement Included under expanded authorities Excluded from expanded authorities Included under SNAP Excluded from SNAP Program income – additional costs Program income – deduction Program income – other costs NRSA payback Fellowship support	1/LM01/430 (FG) 1/LM02/430 (FP1) 1/LQ01/440 (ZZ) 1/LQ02/440 (UHN1) 1/LQ02/440 (UBB1) 1/LQ02/440 (UHNA) 1/LQ02/440 (UHNB) 1/LQ02/440 (UHNC) 1/LQ02/440 (UHND) 1/LQ02/440 (UHNE) 1/LQ02/440 (UHNF) 1/LQ02/440 (UHNG) 1/LQ02/440 (UHNH) 1/LQ02/440 (UHNJ) 1/LQ02/440 (UHNK) 1/LQ02/440 (UHNL)
Special Award Terms and Conditions	NIH Institute/Center terms and conditions.	1/N901/295 (KD) 1/N903/295 "NIH" 1/MSG01/300
Primary Sponsor Code	Awarding NIH Institute name DUNS Number for NIH (927645168)	1/N101/310 (BY) 1/N102/310 1/N103/310 (1) 1/N104/310
Awarding Office Contact	Identifies NIH grants management officer. Name of officer. Telephone number. Facsimile number. Title.	1/N101/310 (BY) 1/PER01/360 (PC) 1/PER02/360 1/PER03/360 (TE) 1/PER04/360 1/PER05/360 (FX) 1/PER06/360 1/PER09/360

Data Element	Description	850 Reference
Awarding Office Contact	Identifies NIH grants specialist. Name of specialist. Telephone number. Facsimile number. Title.	1/N101/310 (BY) 1/PER01/360 (BD) 1/PER02/360 1/PER03/360 (TE) 1/PER04/360 1/PER05/360 (FX) 1/PER06/360 1/PER09/360
Technical Scientific Officer	Identifies NIH program official. Name of official. Telephone number. Facsimile number. Title.	1/N101/310 (KG) 1/PER01/360 (AV) 1/PER02/360 1/PER03/360 (TE) 1/PER04/360 1/PER05/360 (FX) 1/PER06/360 1/PER09/360
Awardee/Sponsor Institution	Identifies awardee's institution Name of institution DUNS number of institution	1/N101/310 (SE) 1/N102/310 1/N103/310 (1) 1/N104/310
Investigators/Fellows	Identifies the principal investigator. Name of PI.	1/N101/310 (9P) 1/PER01/360 (SI) 1/PER02/360
Period of Performance	Initial budget period – total cost Initial budget period – direct cost ² Initial budget period – F&A cost Initial budget period – fee amount Cost support	2/PO101/010 (01/COST) 2/PO101/010 (01/DC) 2/PO101/010 (01/F&A) 2/PO101/010 (01/FEE) 2/PO104/010 2/PO105/010 (ES)
Anticipated Total Amount of Award	Total estimated sponsor funding for the entire project.	3/AMT01/020 (TY) 3/AMT02/020

² In phase III of the NIH NGA pilot, direct cost, facilities and administrative cost, and fee amount will be specified in the X12 194 transaction set, not in the X12 850 transaction set as represented here in phase II.

3. 850 Transaction Set

The 850 transaction set is used by NIH to transmit Notice of Grant Award data to a grantee organization (or its agent). A single transmission of this transaction set shall be used to submit a single NGA.

Heading:

	<u>Pos No</u>	<u>Seg ID</u>	<u>Name</u>	<u>Req Des</u>	<u>Max Use</u>	<u>Repeat</u>
R	010	ST	Transaction Set Header	M	1	
R	020	BEG	Beginning Segment for Purchase Order	M	1	
R	150	DTM	Date/Time Reference	O	10	
R	190	PID	Product/Item Description	O	200	
			LOOP ID - AMT			>1
O	287	AMT	Monetary Amount	O	1	
O	289	REF	Reference Numbers	O	>1	
			LOOP ID - N9			1000
O	295	N9	Reference Number	O	1	
O	300	MSG	Message Text	O	1000	
			LOOP ID - N1			>1
R	310	N1	Name	O	1	
O	320	N2	Additional Name Information	O	2	
O	330	N3	Address Information	O	2	
O	340	N4	Geographic Location	O	>1	
O	350	REF	Reference Numbers	O	12	
R	360	PER	Administrative Communications Contact	O	>1	
			LOOP ID - LM			>1
O	430	LM	Code Source Information	O	1	
O	440	LQ	Industry Code	M	>1	

Detail:

			LOOP ID - P01		100000
R	010	P01	Baseline Item Data	M	1
O	210	DTM	LOOP ID – SAC		25
			Date/Time Reference	O	10

Summary:

R	010	CTT	Transaction Totals	M	1
O	020	AMT	Monetary Amount	O	1
R	030	SE	Transaction Set Trailer	M	1

3.1 ST Segment (1/010)

Table / Position: 1 / 010

Purpose: To indicate the start of a transaction set and to assign a control number.

Usage	Ref. Des.	Data Elmt	Name	Attributes
R	ST01	143	Transaction Set Identifier Code “850” Purchase Order	M ID 3/3
R	ST02	329	Transaction Set Control Number	M AN 4/9

3.2 BEG Segment (1/020)

Table / Position: 1 / 020

Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates.

Usage	Ref. Des.	Data Elmt	Name	Attributes
R	BEG01	353	Transaction Set Purpose Code “00” Original	M ID 2/2
R	BEG02	92	Purchase Order Type Code “KG” Grant	M ID 2/2
R	BEG03	324	Purchase Order Number	M AN 1/22
O	BEG04	328	Release Number	O AN 1/30
R	BEG05	373	Date	M DT 8/8
N/U	BEG06	367	Contract Number	O AN 1/30
N/U	BEG07	587	Acknowledgment Type	O ID 2/2
N/U	BEG08	1019	Invoice Type Code	O ID 3/3
R	BEG09	1166	Contract Type Code “CH” Cost Sharing “CS” Cost	O ID 2/2
R	BEG10	1232	Purchase Category “RD” Research and Development “CN” Construction	O ID 2/2
N/U	BEG11	786	Security Level Code	O ID 2/2
N/U	BEG12	640	Transaction Type Code	O ID 2/2

3.3 DTM Segment (1/150)

Table / Position: 1 / 150

Purpose: To specify pertinent dates and times.

Usage	Ref. Des.	Data Elmt	Name	Attributes
R	DTM01	374	Date/Time Qualifier “007” Effective. “093” Contract Expiration.	M ID 3/3
C	DTM02	373	Date	X DT 8/8
N/U	DTM03	337	Time	X TM 4/8
N/U	DTM04	623	Time Code	O ID 2/2
N/U	DTM05	1250	Date Time Period Format Qualifier	X ID 2/3
N/U	DTM06	1251	Date Time Period	X AN 1/35

3.4 PID Segment (1/190)

Table / Position: 1 / 190

Purpose: To describe a product or process in coded or free-form format.

Usage	Ref. Des.	Data Elmt	Name	Attributes
R	PID01	349	Item Description Type “F” Free-form	M ID 1/1
N/U	PID02	750	Product/Process Characteristic Code	O ID 2/3
N/U	PID03	559	Agency Qualifier Code	X ID 2/2
N/U	PID04	751	Product Description Code	X AN 1/12
R	PID05	352	Description	X AN 1/80
N/U	PID06	752	Surface/Layer/Position Code	O ID 2/2
N/U	PID07	822	Source Subqualifier	O AN 1/15
N/U	PID08	1073	Yes/No Condition or Response Code	O ID 1/1
N/U	PID09	819	Language Code	O ID 2/3

3.5 AMT Segment (1/287)

Table / Position: 1 / 287

Purpose: To indicate the total monetary amount.

Usage	Ref. Des.	Data Elmt	Name	Attributes
R	AMT01	522	Amount Qualifier Code “FQ” Firm Contractor Share “FR” Estimated Government Share “KC” Obligated.	M ID 1/3
R	AMT02	782	Monetary Amount	M R 1/18
N/U	AMT03	478	Credit/Debt Flag Code	O RD 1/1

3.6 REF Segment (1/289)

Table / Position: 1 / 289

Purpose: To specify identifying information.

Usage	Ref. Des.	Data Elmt	Name	Attributes
R	REF01	128	Reference Identification Qualifier “FU” Fund Code	M ID 2/3
C	REF02	127	Reference Identification	X AN 1/30
N/U	REF03	352	Description	O AN 1/80
N/U	REF04	C040	Reference Identifier	O

3.7 N9 Segment (1/295)

Table / Position: 1 / 295

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier.

Usage	Ref. Des.	Data Elmt	Name	Attributes
R	N901	128	Reference Identification Qualifier “2S” Catalog “5N” Citation of Statute “KD” Special Instructions Number	M ID 2/3
C	N902	127	Reference Identification.	X AN 1/30
C	N903	369	Free-form Description.	X AN 1/45
O	N904	373	Date	O DT 8/8
N/U	N905	337	Time	X TM 4/8
N/U	N906	623	Time Code	O ID 2/2
N/U	N907	C040	Reference Identifier	O

3.8 MSG Segment (1/300)

Table / Position: 1 / 300

Purpose: To provide a free form format that allows the transmission of text information.

Usage	Ref. Des.	Data Elmt	Name	Attributes
C	MSG01	933	Free-Form Message Text	M AN 1/264
N/U	MSG02	934	Printer Carriage Control Code	X ID 2/2
N/U	MSG03	1470	Number	O NO 1/9

3.9 N1 Segment (1/310)

Table / Position: 1 / 310

Purpose: To identify a party by type of organization, name, and code.

Usage	Ref. Des.	Data Elmt	Name	Attributes
R	N101	98	Entity Identifier Code “9P” Investigator. “BY” Buying Party. “KG” Project Manager. “PR” Payer. “SE” Selling Party.	M ID 2/3
O	N102	93	Name	X AN 1/60
R	N103	66	Identification Code Qualifier “1” DUNS Number, Dun & Bradstreet	X ID 1/2
R	N104	67	Identification Code	X AN 2/80
N/U	N105	706	Entity Relationship Code	O ID 2/2
N/U	N106	98	Entity Identifier Code	O ID 2/2

3.10 N2 Segment (1/320)

Table / Position: 1 / 320

Purpose: To specify additional names or names longer than 35 characters in length.

Usage	Ref. Des.	Data Elmt	Name	Attributes
R	N201	93	Free-Form Name	M AN 1/60
N/U	N202	93	Free-Form Name	O AN 1/60

3.11 N3 Segment (1/330)

Table / Position: 1 / 330

Purpose: To specify the location of the named party.

Usage	Ref. Des.	ID	Name	Attributes
R	N301	166	Address Information	M AN 1/55
O	N302	166	Address Information	O AN 1/55

3.12 N4 Segment (1/340)

Table / Position: 1 / 340

Purpose: To specify the geographic place of the named party.

Usage	Ref. Des.	Data Elmt	Name	Attributes
O	N401	19	City Name	O AN 2/30
O	N402	156	State or Province Code	O ID 2/2
O	N403	116	Postal Code	O ID 3/15
O	N404	26	Country Code	O ID 2/3
N/U	N405	309	Location Qualifier	X ID 1/2
N/U	N406	310	Location Identifier	O AN 1/30

3.13 PER Segment (1/360)

Table / Position: 1 / 360

Purpose: To identify a person or office to whom administrative communications should be directed.

Usage	Ref. Des.	Data Elmt	Name	Attributes
R	PER01	366	Contact Function Code “AV” Advisor. “BD” Buyer Name or Department. “IC” Information Contact. “PC” Purchasing Contracting Officer “SI” Investigator.	M ID 2/2
O	PER02	93	Name	O AN 1/60
O	PER03	365	Communication Number Qualifier “TE” Telephone	X ID 2/2
C	PER04	364	Communication Number	X AN 1/80
O	PER05	365	Communication Number Qualifier “FX” Facsimile	X ID 2/2
C	PER06	364	Communication Number	X AN 1/80
O	PER07	365	Communication Number Qualifier “EM” Electronic Mail	X ID 2/2
C	PER08	364	Communication Number	X AN 1/80
O	PER09	443	Contact Inquiry Reference	O AN 1/20

3.14 LM Segment (1/430)

Table / Position: 1 / 430

Purpose: To transmit standard code list identification information.

Usage	Ref. Des.	Data Elmt	Name	Attributes
R	LM01	559	Agency Qualifier Code “FG” Federal Government	M ID 2/2
O	LM02	822	Source Subqualifier “FP1”	O AN 1/15

3.15 LQ Segment (1/440)

Table / Position: 1 / 440

Purpose: Code to transmit standard industry codes.

Usage	Ref. Des.	Data Elmt	Name	Attributes
O	LQ01	1270	Code List Qualifier Code “ZZ” Mutually Defined	O ID 1/3
O	LQ02	1271	Industry Code “UAAA”Acceptance A “UAWA” Award A “UAWB” Award B “UAWC” Award C “UBB1” FDP III July 1997 “UHN1” NIH FDP Agency-Specific Terms and Conditions “UHNA” NIH Grants Policy Statement “UHNB” PHS Grants Policy Statement “UHNC” Expanded Authorities (included) “UHND” Expanded Authorities (excluded) “UHNE” SNAP (included) “UHNF” SNAP (excluded) “UHNG” Program Income (additional costs) “UHNH” Program Income (deductive) “UHNJ” Program Income (other) “UHNK” NRSA Payback “UHNL” Fellowship Support	X AN 1/30

3.16 P01 Segment (2/010)

Table / Position: 2 / 010

Purpose: To specify basic and most frequently used line item data.

Usage	Ref. Des.	Data Elmt	Name	Attributes
O	PO101	350	Assigned Identification “01/COST” Total Cost “01/DC” Total Direct Cost “01/F&A” Total F&A Cost “01/FEE” Total Fee Amount	O AN 1/20
N/U	PO102	330	Quantity Ordered	X R 1/15
N/U	PO103	355	Unit or basis for Measurement Code	O ID 2/2
O	PO104	212	Unit Price	X R 1/17
O	PO105	639	Basis of Unit Price Code “ES” Estimated	O ID 2/2
N/U	PO106	235	Product/Service ID Qualifier	X ID 2/2
N/U	PO107	234	Product/Service ID	X AN 1/48
N/U	PO108	235	Product/Service ID Qualifier	X ID 2/2
N/U	PO109	234	Product/Service ID	X AN 1/48
N/U	PO110	235	Product/Service ID Qualifier	X ID 2/2
N/U	PO111	234	Product/Service ID	X AN 1/48
N/U	PO112	235	Product/Service ID Qualifier	X ID 2/2
N/U	PO113	234	Product/Service ID	X AN 1/48
N/U	PO114	235	Product/Service ID Qualifier	X ID 2/2
N/U	PO115	234	Product/Service ID	X AN 1/48
N/U	PO116	235	Product/Service ID Qualifier	X ID 2/2
N/U	PO117	234	Product/Service ID	X AN 1/48
N/U	PO118	235	Product/Service ID Qualifier	X ID 2/2
N/U	PO119	234	Product/Service ID	X AN 1/48
N/U	PO120	235	Product/Service ID Qualifier	X ID 2/2
N/U	PO121	234	Product/Service ID	X AN 1/48
N/U	PO122	235	Product/Service ID Qualifier	X ID 2/2
N/U	PO123	234	Product/Service ID	X AN 1/48
N/U	PO124	235	Product/Service ID Qualifier	X ID 2/2
N/U	PO125	234	Product/Service ID	X AN 1/48

3.17 DTM Segment (2/210)

Table / Position: 2 / 210

Purpose: To specify pertinent dates and times.

Usage	Ref. Des.	Data Elmt	Name	Attributes
R	DTM01	374	Date/Time Qualifier “193” Period Start. “194” Period End.	M ID 3/3
C	DTM02	373	Date	X DT 8/8
N/U	DTM03	337	Time	X TM 4/8
N/U	DTM04	623	Time Code	O ID 2/2
N/U	DTM05	1250	Date Time Period Format Qualifier	X ID 2/3
N/U	DTM06	1251	Date Time Period	X AN 1/35

3.18 CTT Segment (3/010)

Table / Position: 3 / 010

Purpose: To transmit a hash total for a specific element in the transaction set.

Usage	Ref. Des.	Data Elmt	Name	Attributes
R	CTT01	354	Number of Line Items	M NO 1/6
N/U	CTT02	347	Hash Total	O R 1/10
N/U	CTT03	81	Weight	X R 1/10
N/U	CTT04	355	Unit or Basis for Measurement Code	X ID 2/2
N/U	CTT05	183	Volume	X R 1/8
N/U	CTT06	355	Unit or Basis for Measurement Code	X ID 2/2
N/U	CTT07	81	Description	O AN 1/80

3.19 AMT Segment (3/020)

Table / Position: 3 / 020

Purpose: To specify quantity information.

Usage	Ref. Des.	Data Elmt	Name	Attributes
R	AMT01	522	Amount Qualifier Code “TY” Total at Complete.	M ID 1/3
R	AMT02	782	Monetary Amount	M R 1/18
N/U	AMT03	478	Credit/Debit Flag Code	O ID 1/1

3.20 SE Segment (3/030)

Table / Position: 3 / 030

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Usage	Ref. Des.	Data Elmt	Name	Attributes
R	SE01	96	Number of Included Segments	M NO 1/10
R	SE02	329	Transaction Set Control Number	M AN 4/9

Appendix A. Sample NGA and 850 Transaction Set

This appendix contains a sample SNAP NGA. The sample NGA is followed by the corresponding X12 850 transaction set. Note that within the transaction set, certain data elements are italic and bold. These data elements are mapped directly from fields in the NGA.

***** NOTICE OF GRANT AWARD *****

RESEARCH

Issue Date: 07/23/1997

Department of Health and Human Services

National Institutes Of Health

NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES

Grant Number: 5 R01 AI000000-02

Principal Investigator: GALILEI, GALILEO

Project Title: ATHEROSCLEROSIS PREVENTION STUDY

Research Administrator

University of Bethesda

461 Ocean Blvd., CSC-32

Bethesda, MD 20892

Budget Period: 09/01/1997 - 08/31/1998

Project Period: 09/01/1996 - 08/31/1999

Dear Business Official:

The National Institutes of Health hereby awards a grant in the amount of \$250,000(see 'Award Calculation' in Section I) to the University of Bethesda in support of the above referenced project. This award is pursuant to the authority of 42 USC 241 42 CFR 52 and is subject to attached terms and conditions.

Acceptance of this award including attached Terms and Conditions is acknowledged by the grantee when funds are drawn down or otherwise obtained from the grant payment system.

Award recipients are responsible for appropriate acknowledgment of NIH support when preparing publications, or issuing statements, press releases, request for proposals, bid solicitations, and other documents describing projects or programs funded in whole or in part with NIH support.

If you have any questions about this award, please contact the individual(s) referenced in the attachments.

Sincerely yours,

Herman Munster
Grants Management Officer
NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES

Attachments

SECTION I - AWARD DATA - 5 R01 AI000000-02

AWARD CALCULATION (U.S. Dollars):

Direct Costs	\$185,000
F&A Costs	\$65,000
APPROVED BUDGET	\$250,000
TOTAL	\$250,000

FISCAL INFORMATION:

CFDA Number 123
EIN: 0123454321A1
Document Number: R1AI00000A
IC/ CAN / FY1998
AI/0101010/ 250,000

NIH ADMINISTRATIVE DATA:

PCC: M33 / OC: 41.4E /Processed: HMUNSTER 970723 0337

Award e-mailed to: award@ub.edu

SECTION II - PAYMENT/HOTLINE INFORMATION - 5 R01 AI000000-02

For Payment and HHS Office of Inspector General Hotline Information,
see the NIH Home Page at
<http://www.nih.gov/grants/policy/awardconditions.htm>

SECTION III - TERMS AND CONDITIONS - 5 R01 AI000000-02

This award is based on the application submitted to, and as approved by, the NIH on the above-titled project and is subject to the terms and conditions incorporated either directly or by reference in the following:

- a. The grant program legislation and program regulation cited in this Notice of Grant Award.
- b. The restrictions on the expenditure of federal funds in appropriations acts, to the extent those restrictions are pertinent to the award.
- c. 45 CFR Part 74 or 45 CFR Part 92 as applicable.
- d. The PHS Grants Policy Statement, including addenda in effect as of the beginning date of the budget period.
- e. This award notice, INCLUDING THE TERMS AND CONDITIONS CITED BELOW.

(see NIH Home Page at
<http://www.nih.gov/grants/policy/awardconditions.htm> for certain references cited above.)

This grant is awarded under the terms and conditions of the Federal Demonstration Partnership Phase III.

This grant is subject to Streamlined Noncompeting Award Procedures (SNAP).

Treatment of Program Income:
Additional Costs

Grants Management Specialist:
Herman Munster
(301) 555-1111

Program Official:
Gomez Adams, M.D., Ph.D.
(301) 555-2222

Grants Specialist:
Morticia Adams

SPREADSHEET

GRANT NUMBER: 5 R01 AI000000-02
P.I.: GALILEI, GALILEO

INSTITUTION: University of Bethesda

YEAR 02
=====

TOTAL DC	185,000
TOTAL F&A	65,000
TOTAL COST	250,000

Heading:

ST^850^123456789<NL>

BEG^00^KG^**5R01AI0000002**^^**19970723**^^^^
CS^RD<NL> // Grant number and issue date.
// Research grant.

DTM^007^**19960901**<NL> // Project period start date.

DTM^093^**19990831**<NL> // Project period end date.

PID^F^^^**ATHEROSCLEROSIS PREVENTION**
STUDY<NL> // Title of project.

AMT Loop:

AMT^KC^**250000**<NL> // Approved funding amount for this award.

REF^FU^**R1AI00000A**<NL> // NIH award document number.

N9 Loop:

N9^2S^**I23**<NL> // CFDA number.

N9^5N^**42 USC 241 & 42 CFR 52**<NL> // Authority for award.

N9^KD^^NIH<NL>

MSG^*For payment and HHS Office of Inspector General Hotline Information, see the NIH Home Page at: http://www.nih.gov/grants/policy/awardconditions.htm*<NL> // General term and condition.

N9^KD^^NIH<NL>

MSG^*This award is subject to 45 CFR Part 74 or 45 CFR Part 92, as applicable.*<NL> // General term and condition.

N1 Loop:

N1^BY^**National Institute Of Allergy And Infectious Diseases**^1^927645168<NL> // NIH institute name.
// NIH DUNS number.

PER^PC^**Munster, Herman**^TE^**3015551111**^^^^^
Grants Mgmt Officer<NL> // NIH grants management officer.

PER^BD^**Adams, Morticia**^^^^^
Grants Specialist<NL> // NIH grants specialist.

N1^KG^1^927645168<NL> // Awarding office contact.

PER^AV^*Adams, Gomez, M.D., Ph.D.* // NIH program official.
^TE^3015552222^^^^^*Program Official*<NL>

N1^SE^*University of Bethesda*^1^123454321<NL> // Name and DUNS of awardee

N1^9P^^1^123454321<NL> // Principal investigator.

PER^SI^*GALILEI, GALILEO*<NL> // Identification of the PI

LM Loop:

LM^FG^FP1<NL> // FP1 Code List

LQ^ZZ^UAAA<NL> // NIH acceptance terms and conditions

LQ^ZZ^UAWA<NL> // NIH award terms and conditions

LQ^ZZ^UAWB<NL> // NIH award terms and conditions

LQ^ZZ^UBBI<NL> // FDP III general terms and conditions

LQ^ZZ^UHN1<NL> // NIH FDP terms and conditions apply

LQ^ZZ^UHNG<NL> // Program income – additional costs

LQ^ZZ^UHNE<NL> // SNAP – included

LQ^ZZ^UHNB<NL> // PHS grants policy statement in effect

Detail:

PO1^01/COST^^250000^ES<NL> // \$250,000 total cost.

DTM^193^19970901<NL> // Budget period start date.

DTM^194^19980831<NL> // Budget period end date.

PO1^01/F&A^^65000^ES<NL> // \$65,000 F&A cost.

PO1^01/DC^^185000^ES<NL> // \$185,00 direct cost.

Summary:

CTT^3<NL> // Only 1 P01 segment.

AMT^TY^250000<NL> // \$250,000 for total award amount.

SE^39^123456789<NL>